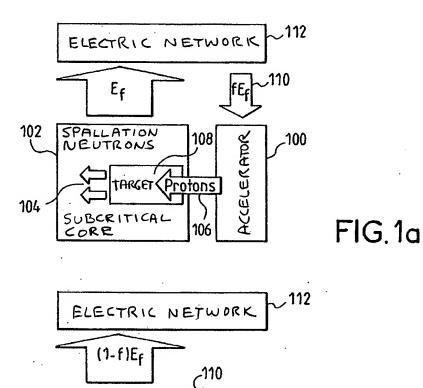
IMPLEMENTING THE SAME
WO 2005/004166 Our Ref. GRY-142US; Cust No. 23122

PCT/FR2004/050302

1/5



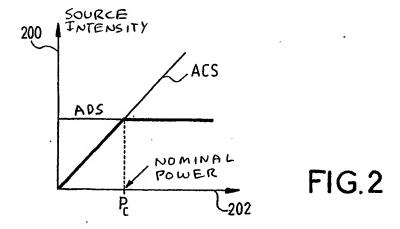
102 SPALL ATION FEF POTONS 100

TARGET Protons 106

SUBCRITICAL 106

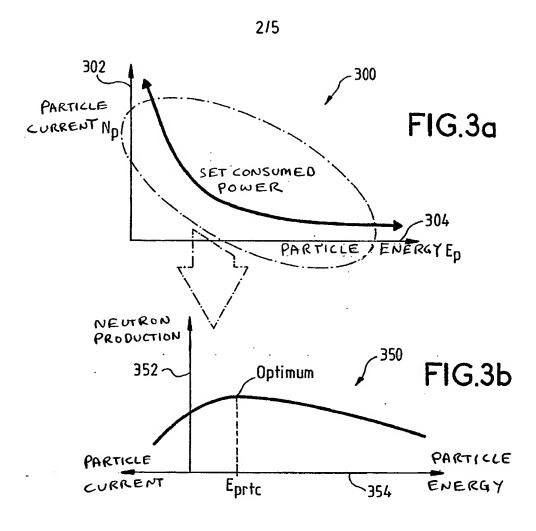
CORE 108

FIG. 1b



WO 2005/004166

PCT/FR2004/050302



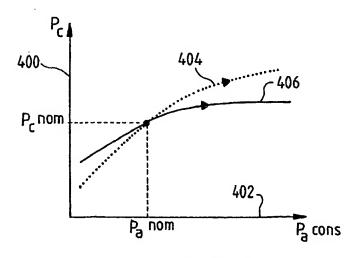


FIG.4

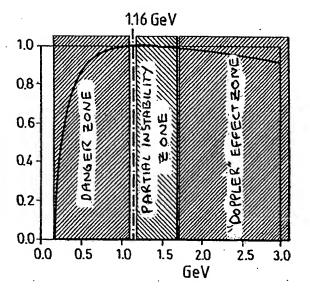


FIG.5a

Inventor: Pavel Bokov et al.

Title: METHOD OF IMPROVING THE SAFETY OF ACCELERATOR COUPLED HYBRID NUCLEAR SYSTEMS, AND DEVICE FOR IMPLEMENTING THE SAME

WO 2005/004166

Our Ref. GRY-142US; Cust No. 23122

PCT/FR2004/050302

415

701. TARGET 702. BEAM 703. BUFFER 704. ACCELERATOR TU BE

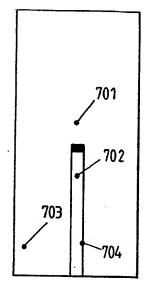
Configuration A: TARGET: ^{238}U , $D_{TARGET} = 4$ cm, $L_{TARGET} = 4$ cm buffer: ^{nat}Pb , $D_{buffer} = 40$ cm, $L_{buffer} = 80$ cm

Configuration B: TARGET: 238 U, $D_{\text{TARGET}} = 4 \text{ cm}$, $L_{\text{TARGET}} = 2 \text{ cm}$ buffer: $^{\text{nat}}$ Pb, $D_{\text{buffer}} = 40 \text{ cm}$, $L_{\text{buffer}} = 80 \text{ cm}$

Configuration C:

TARGET 238U, D = 4 cm, L = 2 cm

buffer: absent



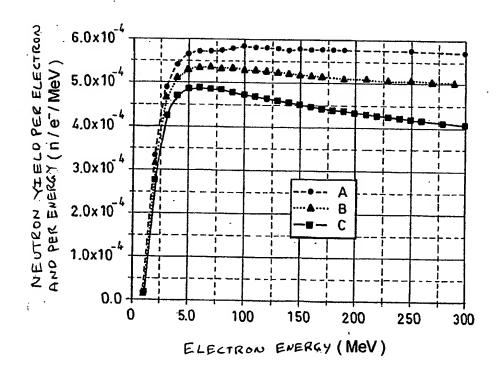


FIG.5b

Inventor: Pavel Bokov et al.
Title: METHOD OF IMPROVING THE SAFETY
OF ACCELERATOR COUPLED HYBRID
NUCLEAR SYSTEMS, AND DEVICE FOR

IMPLEMENTING THE SAME Our Ref. GRY-142US; Cust No. 23122

WO 2005/004166

PCT/FR2004/050302

.5/5

